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ARMY RDT&E BUDGET ITEM JUSTIFICATION (R-2 Exhibit)								DATE February 1999		
BUDGET ACTIVITY 7 - Operational System Development				PE NUMBER AND TITLE 0305208A Common Imagery Ground/Surface System (CIG/SS)				PROJECT D956		
COST (In Thousands)	FY 1998 Actual	FY 1999 Estimate	FY 2000 Estimate	FY 2001 Estimate	FY 2002 Estimate	FY 2003 Estimate	FY 2004 Estimate	FY 2005 Estimate	Cost to Complete	Total Cost
D956 Common Imagery Ground/Surface System	0	8853	8066	7943	8276	8360	8525	8767	Continuing	Continuing
<p>A. <u>Mission Description and Budget Item Justification:</u> This project supports the engineering development and acquisition of Army Common Imagery Ground/Surface Systems (CIG/SS). The objective of CIG/SS is to enable all systems to receive, process, exploit, and report any imagery source regardless of platform or sensor type to meet the intelligence and targeting needs of tactical commanders. The CIG/SS project provides the warfighter with an integrated and interoperable airborne reconnaissance imagery processing and exploitation capability that can be tailored for all levels of conflict. This project incorporates Army funds divested from Defense Airborne Reconnaissance Office for the Enhanced Tactical Radar Correlator (ETRAC) Modernized Imagery Exploitation System (MIES), and the imagery portion of the Tactical Exploitation System (TES). MIES receives and exploits imagery from national and theater sources and provides intelligence reports and exploited imagery products to the field commander. ETRAC is a C-130 drive on/off capable system that receives Synthetic Aperture Radar (SAR) data inputs from various platforms, converts the SAR data to exploitable images, and is capable of stand-alone operations. ETRAC and MIES functionality are combined in the Tactical Exploitation System (TES) to be fielded beginning in FY00. Specific details are provided in the Joint Military Intelligence Programs Congressional Budget Justification Book, Vol. II.</p> <p>FY 1998 Accomplishments: Project not funded in FY 1998.</p> <p>FY 1999 Planned Program:</p> <ul style="list-style-type: none"> • 6828 Continue CIG/SS elements sustaining engineering to implement software upgrades and enhancements to maintain compatibility with changing national and tactical interfaces (ETRAC and MIES). • 1791 Continue CIG/SS elements development engineering to implement software upgrades and enhancements to maintain compatibility with changing national and tactical interfaces (TES). • 234 Small Business Innovation Research/Small Business Technology Transfer (SBIR/STTR) Programs <p>Total 8853</p> <p>FY 2000 Planned Program:</p> <ul style="list-style-type: none"> • 3754 Continue CIG/SS elements sustaining engineering to implement software upgrades and enhancements to maintain compatibility with changing national and tactical interfaces (ETRAC and MIES). • 4312 Continue CIG/SS elements development engineering to implement software upgrades and enhancements to maintain compatibility with changing national and tactical interfaces (TES). <p>Total 8066</p>										
Project D956			Page 1 of 4 Pages			Exhibit R-2 (PE 0305208A)				

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Procurement, Defense Wide										
PE 0305208D Project PD8Z DARP	91824									
<p>D. Acquisition Strategy: As pioneers in streamlined acquisition, ASPO's success in delivering systems as those described above to warfighters can be directly attributed to an environment emphasizing stable funding, low density acquisition, minimal use of MILSPECS, and managed competition. By tailoring existing technology, leveraging the best commercial practices and using commercial and government-off the shelf software, ASPO minimizes risk while maximizing efficiency. Finally, dedicated cradle to grave Integrated Logistics Support (ILS) for TENCAP systems is accomplished through a coordinated effort by Government and contractor personnel and facilities.</p>										
E. Schedule Profile	<u>FY 1996</u>	<u>FY 1997</u>	<u>FY 1998</u>	<u>FY 1999</u>	<u>FY 2000</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	<u>FY 2005</u>
Defield MIES					4 th QTR -	4 th QTR				
Defield ETRAC				4 th QTR	-----→	4 th QTR				
Field TES *					3 rd QTR	4 th QTR	4 th QTR		4 th QTR	4 th QTR
Integrate DCGS Standards into TES						2 nd QTR	-----→	-----→		
<p>* Majority of TES development is funded under PE 0604766A.</p>										
<p>Project D956</p>										
<p>Page 3 of 4 Pages</p>										
<p>Exhibit R-2 (PE 0305208A)</p>										

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ARMY RDT&E COST ANALYSIS (R-3)										DATE February 1999		
BUDGET ACTIVITY 7 - Operational System Development					PE NUMBER AND TITLE 0305208A Common Imagery Ground/Surface System (CIG/SS)					PROJECT D956		
I. Product Development	Contract Method & Type	Performing Activity & Location	Total PYs Cost	FY 1999 Cost	FY 1999 Award Date	FY 2000 Cost	FY 2000 Award Date	FY 2001 Cost	FY 2001 Award Date	Cost To Complete	Total Cost	Target Value of Contract
a. ETRAC CIG/SS	C/CPAF	Classified		5385		2094	1/00	773	12/00	Cont	8252	
b. MIES CIG/SS	SS/CPFF	TEC, Alex, VA		1677		1660	3/00	1660	2/01	Cont	4997	
c. TES CIG/SS	C/CPFF	Classified		1791		4312	11/98	5510	11/00	Cont	11613	
Subtotal Product Development:				8853		8066		7943			24862	
II. Support Costs: Not applicable												
III. Test and Evaluation: Not applicable												
IV. Management Services: Not applicable												
Project Total Cost:				8853		8066		7943			24862	

Project D956
Page 4 of 4 Pages
Exhibit R-3 (PE 0305208A)